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CERTIFICATE OF ANALYSIS

LEAD BASED PAINT INSPECTION

at

DUPLEX AT MARIENVILLE PA COMPLEX

MARIENVILLE, PA

Work Order No.: 1008-03087

Invoice No.: 24541

Date Performed: 08/27/2010

Date Reported: 09/07/2010

Performed For: CASEY MORRISON
ALLEGHENY NAT.FOREST/WARREN
P.O. BOX 847
222 LIBERTY ST.
WARREN, PA 16365

Survey Performed By:



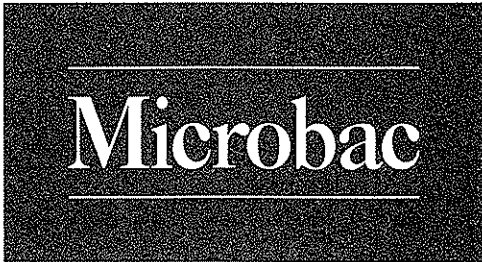
JACOB HILLMANN

Lead Based Paint Risk Assessor Certification No. 004701

Report Reviewed By:



Cheri Estes
Managing Director



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EXECUTIVE SUMMARY

The summary below is a brief description of your results. Please refer to attached report for further information and recommendations.

The Lead Based Paint Inspection indicates the presence of components with lead based paint at DUPLEX AT MARIENVILLE PA COMPLEX . These areas are listed in the Table of Results on Page 8.

Note: An inconclusive sample result is one in which the field employed analytical instrument is unable to determine whether or not lead is present at the HUD regulated level. An inconclusive sample result should be considered positive for lead content. A bulk sample of the inconclusive component could be collected and analyzed in the laboratory for a definitive lead content result.

A copy of this summary must be provided to new lessees (tenants) and purchasers of this property under Federal Law (24 CFR Part 35 and 40 CFR Part 175) before they become obligated under a lease or sales contract. The complete report must also be provided to new purchasers and it must be made available to all tenants. Landlords (lessors) and sellers are also required to distribute an educational pamphlet approved by U.S. Governmental Protection Agency and include standard warning language in their leases or sales contracts to ensure that parents have the information they need to protect their children from lead based paint hazards. (See Section IV or Chapter 7 of the HUD Guidelines for further details) www.hud.gov.

Additional Notes:

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LEAD BASED PAINT INSPECTION - INTRODUCTION/METHODOLOGY

A Lead based paint inspection was performed by Microbac Laboratories, Inc. Erie Division at DUPLEX AT MARIENVILLE PA COMPLEX MARIENVILLE, PA. Microbac performed the survey on August 27, 2010 . The survey was performed by JACOB HILLMANN , Pennsylvania Lead Based Paint Inspector Certification No. 004701, who is licensed to use the radioactive source present in the instrument.

A RMD LPA1 XRF Spectrum Analyzer was used to perform the survey.

The RMD LPA1 utilizes a cobalt 57 radioactive source. The instrument is adequately shielded to prevent the operator and any occupants of the building from radioactive energy.

Data specifications:

Precision of Results

Wood, drywall $\pm 0.10 \text{ mg/cm}^2$

Concrete, metal $\pm 0.15 \text{ mg/cm}^2$

Accuracy of Results

Wood, drywall $+0.10 \text{ mg/cm}^2$

Concrete, metal $\pm 0.15 \text{ mg/cm}^2$

Operational specifications:

Depth of measurement 3/8" maximum

Substrate effect Automatic compensation (spectrum analysis)

The XRF survey, which is recommended by Housing and Urban Development and the Environmental Protection Agency, is the first step in a lead based paint management program. The XRF instrument has inherent limitations. Results are based upon statistical variations and should be used as a screening process only. If positive readings or readings close to positive levels are found, additional steps would include collection of paint chip samples and analyses using laboratory methods (AA or ICP techniques).

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LEAD BASED PAINT INSPECTION - OVERVIEW

The Guidelines for the Evaluation and Control of Lead-based Paint Hazards in Housing manual developed by the U.S. Department of Housing and Urban Development sets forth various methods for lead based paint inspections. The most conclusive, therefore preferred method, is collection of paint film samples with subsequent laboratory analysis (AA or ICP). This method may be used but is not recommended because it is time consuming, costly and requires repair of surface where paint chip (film) sample was collected.

The recommended primary method is the portable XRF (X-Ray Fluorescence) instrument. The technology behind this method is to expose the painted surface to other high energy radiation (such as gamma rays). This radiation causes the lead in the paint to emit energy at a characteristic frequency. The intensity of this radiation is measured by the XRF detector(s) which converts the intensity of the signal to a number which represents the concentration of lead in the paint. The results are usually reported in milligrams per centimeter squared (mg/cm^2).

In some cases, the XRF instrument may not be used on all surfaces due to configuration of the component (e.g. round or inaccessible to XRF unit). In this case, a laboratory paint chip sample is recommended.

Most XRF instruments have XRF Performance Characteristic Sheets provided. These performance characteristics have been developed for that specific XRF by the EPA/HUD. They provide ranges of XRF accuracy and precision on various substrata surfaces such as drywall, plaster, brick, metal, plaster and wood. Substrata correction may need to be applied for each different substrata material.

Most XRF units report results in the L & K shells of the fluorescence (x-ray energy). The XRF instruments direct high energy photons onto the painted surface. The lead in the paint causes the photons to impinge on the lead atom and ultimately causes electrons from the K- or L- shell to be ejected.

The L-shell fluorescence (x-ray energy) has longer wavelengths (therefore lower energy) and is less penetrating. Due to this fact, L-shell x-rays released from greater depths of paint are less likely to reach the surface than K-shell x-rays. Consequently, a high L-shell reading indicates the lead containing paint layers are within 6-8 layers of the surface. Using just the L-shell x-ray measurement may severely underestimate the lead concentrations.

Instruments using K-shell x-rays also have a degree of error since they can penetrate deeply and detect lead in materials beyond the painted surface such as the metal substrata, metal conduit in walls and ceilings or even nails. Typically the K-shell x-rays have an error rate smaller than the L-shell x-rays.

While the XRF method of surveying is not without limitations, the speed, cost efficiency and non-destructive nature of the testing is very useful as a first step in the lead based paint inspection program.

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LEAD BASED PAINT INSPECTION - CONCLUSION

While the results of the XRF survey may reveal that lead in paint levels are not above 1.0 mg/cm², this does not necessarily indicate that lead is not present and that a lead exposure hazard is not present. The 1.0 mg/cm² (XRF reading level) and 0.5% or 5,000 mg/kg (laboratory analysis level) have been set forth by HUD and EPA as action levels. Is it safe to assume a lead concentration level of 0.49% is safe but 0.5% is hazardous? Of course not. Remember, the Consumer Product Safety Commission has set a level of 0.06% or 600 mg/kg as the level above which paint is considered lead based. The presence of lead in paint is always a potential hazard. When dealing with any painted surfaces, basic safety procedures should be adhered to. A few are as follows:

- Minimize dust generation and clean up all dust immediately. Do not use household vacuums, as they only spread the lead dust. Use wet methods (water with Cascade Dishwashing Liquid containing Trisodium phosphate).
- Do not use heat guns to remove lead based paint. At temperatures above approximately 700°F, lead fumes are generated. The lead fume particle is significantly smaller than lead dust and in addition to being much more mobile, can be more readily ingested or inhaled. In this small particle size, the human body is able to absorb the lead much more readily.
- Avoid planting consumable vegetables or fruits in areas immediately adjacent to home exteriors with lead based paint on the siding or trim. The lead based paint chinks readily and rain washes the chinking lead off the exterior and onto the soil. Studies have shown significantly elevated levels of lead in soil under exterior walls.

If lead paint is present in an older home, lead dust may have been generated and could be present on interior surfaces, particularly carpeting, window sills and window wells. If lead dust is suspected, collection of dust samples using E.P.A. approved wipes can be used to determine concentration of lead in the dust.

We would recommend that if the surfaces found with positive or inconclusive readings are to be disturbed, paint chip samples be collected and analyzed using laboratory methods to confirm the existence of lead based paint.

Under the recently enacted Lead Paint Certification Program enforced by PA Department of Labor and Industry, all workers involved in the removal of lead based paint in target housing must be certified in Pennsylvania.

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Inspector Information

Jacob S. Hillmann

Field Services Technician

Microbac Laboratories, Inc. - 2008 to present

State of New York – Department of Labor Asbestos Certificate Cert. No.02-09665

Six years asbestos-related experience in prior positions.

Licensed Lead Paint Risk Assessor/Inspector, PA Dept. of Labor & Industry Cert. No. 004701

NIOSH 582 Equivalent

Penn State University – 3 years in Mathematics

Course work includes:

- New York State Department of Health Asbestos Safety Training Inspector - Certificate No. 513298
- New York State Department of Health Asbestos Safety Training Project Monitor – Certificate No. 507493

JSH:lm1

Revised: 07/21/08

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LEAD BASED PAINT INSPECTION - TABLE OF RESULTS

COMPONENT	XRF READING (MG/CM2)	PAINT CONDITION	POSITIVE OR INCONCLUSIVE
STORAGE APT DOWN WALL A	0.1	Intact	Negative
STORAGE APT DOWN WALL B	-0.1	Intact	Negative
STORAGE APT DOWN WALL C	0.1	Intact	Negative
STORAGE APT DOWN WALL D	-0.2	Intact	Negative
STORAGE APT DOWN BASEBOARD	-0.1	Intact	Negative
STORAGE APT DOWN DOOR WALL A	>9.9	Intact	Positive
STORAGE APT DOWN DOOR WALL A FRAME	6.1	Intact	Positive
STORAGE APT DOWN DOOR WALL A CASING	0.0	Intact	Negative
STORAGE APT DOWN WINDOW SILL WALL B	0.0	Intact	Negative
STORAGE APT DOWN WINDOW WALL B CASING	0.0	Intact	Negative
STORAGE CLOSET APT DOWN WALL B	0.0	Intact	Negative
STORAGE CLOSET APT DOWN WALL D	0.0	Intact	Negative
STORAGE CLOSET APT DOWN FLOOR	-0.1	Poor	Negative
STORAGE CLOSET APT DOWN DOOR WALL B	1.0	Intact	Inconclusive
STORAGE CLOSET APT DOWN DOOR WALL B FRAME	-0.2	Intact	Negative
STORAGE CLOSET APT DOWN DOOR WALL B CASING	-0.2	Intact	Negative
BED 1 APT DOWN WALL A	0.1	Intact	Negative
BED 1 APT DOWN WALL B	-0.1	Intact	Negative
BED 1 APT DOWN WALL C	0.1	Intact	Negative
BED 1 APT DOWN WALL D	-0.1	Intact	Negative
BED 1 APT DOWN WALL BASEBOARD	7.1	Intact	Positive
BED 1 APT DOWN WINDOW 2 SOUTH WALL D	-0.2	Intact	Negative
BED 1 APT DOWN WINDOW 2 SOUTH WALL D SILL	0.0	Intact	Negative
BED 1 APT DOWN WINDOW 2 SOUTH WALL D TROUGH	0.0	Intact	Negative
BED 1 APT DOWN WINDOW 2 SOUTH WALL D CASING	-0.2	Intact	Negative
BED 1 APT DOWN DOOR WALL B	3.3	Intact	Positive
BED 1 APT DOWN DOOR WALL B FRAME	6.4	Intact	Positive

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COMPONENT	XRF READING (MG/CM2)	PAINT CONDITION	POSITIVE OR INCONCLUSIVE
BED 1 APT DOWN DOOR WALL B CASING	6.3	Intact	Positive
BED 1 APT DOWN CLOSET APT DOWN WALL A	1.6	Intact	Positive
BED 1 APT DOWN CLOSET APT DOWN WALL B	0.7	Intact	Negative
BED 1 APT DOWN CLOSET APT DOWN WALL C	0.7	Intact	Negative
BED 1 APT DOWN CLOSET APT DOWN BASEBOARD	-0.1	Intact	Negative
BED 1 APT DOWN CLOSET APT DOWN FLOOR	-0.2	Fair	Negative
BED 1 CLOSET APT DOWN DOOR WALL D	2.4	Intact	Positive
BED 1 CLOSET APT DOWN DOOR WALL D FRAME	0.0	Intact	Negative
BED 1 CLOSET APT DOWN DOOR WALL D CASING	5.3	Intact	Positive
LIVING KM-APT DOWN WALL A	0.0	Intact	Negative
LIVING KM-APT DOWN WALL B	0.0	Intact	Negative
LIVING KM-APT DOWN WALL C	-0.2	Intact	Negative
LIVING KM-APT DOWN WALL D	-0.1	Intact	Negative
LIVING KM-APT DOWN BASEBOARD	0.0	Intact	Negative
LIVING KM-APT DOWN DOOR WALL A	0.0	Intact	Negative
LIVING KM-APT DOWN DOOR WALL A FRAME	8.6	Intact	Positive
LIVING KM-APT DOWN DOOR WALL A CASING	0.0	Intact	Negative
LIVING KM-APT DOWN DOOR WINDOW 2 SILL WALL D	0.0	Intact	Negative
LIVING KM-APT DOWN DOOR WINDOW 2 SILL WALL D GASH	0.0	Intact	Negative
LIVING KM-APT DOWN DOOR WINDOW 2 SILL WALL D TROUGH	-0.1	Intact	Negative
LIVING KM-APT DOWN DOOR WINDOW 2 SILL WALL D CASING	-0.1	Intact	Negative
KITCHEN APT DOWN WALL A	-0.3	Intact	Negative
KITCHEN APT DOWN WALL B	-0.6	Intact	Negative
KITCHEN APT DOWN WALL C	-0.4	Intact	Negative
KITCHEN APT DOWN WALL D	-0.3	Intact	Negative
KITCHEN APT DOWN WINDOW SILL WALL A	0.0	Intact	Negative
KITCHEN APT DOWN WINDOW SILL WALL A FRAME	-0.1	Intact	Negative
KITCHEN APT DOWN WINDOW SILL WALL A CASING	-0.1	Intact	Negative

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COMPONENT	XRF READING (MG/CM2)	PAINT CONDITION	POSITIVE OR INCONCLUSIVE
KITCHEN APT DOWN DOOR FRAME WALL D	-0.6	Intact	Negative
BATHROOM APT DOWN WALL A	-0.1	Intact	Negative
BATHROOM APT DOWN WALL B	-0.1	Intact	Negative
BATHROOM APT DOWN WALL C	-0.5	Intact	Negative
BATHROOM APT DOWN WALL D	-0.2	Intact	Negative
BATHROOM APT DOWN BASEBOARD	-0.1	Intact	Negative
BATHROOM APT DOWN CEILING	-0.1	Intact	Negative
BATHROOM APT DOWN DOOR WALL A	0.0	Intact	Negative
BATHROOM APT DOWN DOOR WALL A FRAME	0.6	Intact	Negative
BATHROOM APT DOWN DOOR WALL A CASING	0.0	Intact	Negative
BATHROOM APT DOWN WINDOW SILL WALL B	-0.1	Intact	Negative
BATHROOM APT DOWN WINDOW WALL B SASH	-0.1	Intact	Negative
BATHROOM APT DOWN WINDOW WALL B FRAME	-0.1	Fair	Negative
BATHROOM APT DOWN WINDOW WALL B TROUGH	0.1	Poor	Negative
BATHROOM APT DOWN WINDOW WALL B CASING	0.2	Intact	Negative
PORCH APT DOWN CEILING	7.1	Poor	Positive
PORCH APT DOWN JOISTS	>9.9	Poor	Positive
PORCH APT DOWN DOOR TREAD WALL C	5.1	Poor	Positive
LIVING ROOM WALL A	-0.1	Intact	Negative
LIVING ROOM WALL B	-0.1	Intact	Negative
LIVING ROOM WALL C	0.0	Intact	Negative
LIVING ROOM WALL D	-0.1	Intact	Negative
LIVING ROOM BASEBOARD	-0.1	Intact	Negative
LIVING ROOM CEILING	4.3	Intact	Positive
LIVING ROOM WINDOW CASING WALL C	0.1	Intact	Negative
LIVING ROOM DOOR 1 WALL D	-0.4	Intact	Negative
LIVING ROOM DOOR 1 WALL D FRAME	0.0	Intact	Negative
LIVING ROOM DOOR 1 WALL D CASING	0.0	Intact	Negative

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COMPONENT	XRF READING (MG/CM2)	PAINT CONDITION	POSITIVE OR INCONCLUSIVE
LIVING ROOM CLOSET WALL B	-0.3	Intact	Negative
LIVING ROOM CLOSET WALL D	0.0	Intact	Negative
LIVING ROOM CLOSET FLOOR	0.3	Intact	Negative
LIVING ROOM CLOSET CEILING	-0.3	Intact	Negative
LIVING ROOM CLOSET DOOR WALL B	-0.3	Intact	Negative
LIVING ROOM CLOSET DOOR WALL B FRAME	0.0	Intact	Negative
LIVING ROOM CLOSET DOOR WALL B CASING	0.0	Intact	Negative
KITCHEN WALL A	-0.1	Intact	Negative
KITCHEN WALL B	-0.1	Intact	Negative
KITCHEN WALL C	-0.1	Intact	Negative
KITCHEN WALL D	0.0	Intact	Negative
KITCHEN BASEBOARD	1.0	Intact	Inconclusive
KITCHEN CEILING	-0.1	Intact	Negative
KITCHEN DOOR 2 WALL B	-0.2	Intact	Negative
KITCHEN DOOR 2 WALL B FRAME	-0.1	Intact	Negative
KITCHEN DOOR 2 WALL B CASING	-0.1	Intact	Negative
KITCHEN WINDOW SILL WALL D	-0.3	Intact	Negative
KITCHEN WINDOW SILL WALL D CASING	-0.1	Intact	Negative
BATHROOM WALL A	-0.3	Intact	Negative
BATHROOM WALL B	-0.1	Intact	Negative
BATHROOM WALL C	-0.3	Intact	Negative
BATHROOM WALL D	-0.2	Intact	Negative
BATHROOM BASEBOARD	0.0	Intact	Negative
BATHROOM CEILING	0.0	Intact	Negative
BATHROOM DOOR WALL A	3.3	Intact	Positive
BATHROOM DOOR WALL A FRAME	2.9	Intact	Positive
BATHROOM DOOR WALL A CASING	4.0	Intact	Positive
BED 1 WALL A	0.5	Intact	Negative

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COMPONENT	XRF READING (MG/CM2)	PAINT CONDITION	POSITIVE OR INCONCLUSIVE
BED 1 WALL B	-0.1	Intact	Negative
BED 1 WALL C	2.1	Intact	Positive
BED 1 WALL D	1.5	Intact	Positive
BED 1 BASEBOARD	0.0	Intact	Negative
BED 1 CEILING	2.9	Intact	Positive
BED 1 WINDOW SILL WALL A	-0.1	Intact	Negative
BED 1 WINDOW WALL A SASH	-0.2	Intact	Negative
BED 1 WINDOW WALL A CASING	0.0	Intact	Negative
BED 1 DOOR WALL C	0.5	Intact	Negative
BED 1 DOOR WALL C FRAME	1.0	Intact	Inconclusive
BED 1 DOOR WALL C CASING	3.3	Intact	Positive
BED 2 WALL A	0.7	Intact	Negative
BED 2 WALL B	-0.2	Intact	Negative
BED 2 WALL C	1.8	Intact	Positive
BED 2 WALL D	0.0	Intact	Negative
BED 2 BASEBOARD	-0.1	Intact	Negative
BED 2 CEILING	2.0	Intact	Positive
BED 2 WINDOW SILL WALL A	-0.2	Intact	Negative
BED 2 WINDOW WALL A SASH	-0.2	Intact	Negative
BED 2 WINDOW WALL A CASING	-0.1	Intact	Negative
BED 2 DOOR WALL D	0.0	Intact	Negative
BED 2 DOOR WALL D FRAME	0.0	Intact	Negative
BED 2 DOOR WALL D CASING	0.0	Intact	Negative

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PAINT CONDITIONS:

I = Intact (Good Condition)
F = Fair (Damage to large surface area - exterior ≤ 10 ft.²)
(Damage to large surface area - interior ≤ 2 ft.²)
(Damage to small surface area - interior or exterior $\leq 10\%$ total area)
P = Poor (Damage to large surface area - exterior > 10 ft.²)
(Damage to large surface area - interior > 2 ft.²)
(Damage to small surface area - interior or exterior $> 10\%$ total area)

Wall Designation

Wall A – curbside / house front / main entrance side of house/street front

Wall B – wall to the right (clockwise) of wall A.

Walls are sequentially labeled in a clock-wise rotation from wall A

A letter behind a component ID indicates the wall location where this component can be found

A number found behind a component letter indicates that there are multiple units of this component found in this room equivalent. Components are numbered starting from left to right.

Ex. Window Sill A2 is the second window sill from the left in Wall A.